

## **ABSTRACT OF THE DISCLOSURE**

A method for adjusting the scanning frequency and/or the scanning phase of an analog/digital converter (3) of an image-reproducing device that has a digitally controlled display (1) for displaying an image of a predefined number of lines and a predefined number of pixels per line. The digitally controlled display receives digital image data from the analog/digital converter (3). The analog/digital converter generates the digital image data by scanning with a scanning signal that has the scanning frequency and the scanning phase of an analog video signal (6a). Therein, the analog video signal (6a) is applied to the image-reproducing device, and the digital image data is buffered in an image memory (2). The digital image data is compared with predefined data that correspond to the analog video signal, and the scanning frequency is adjusted until a comparison of the data provides a sufficient match. An associated device has an image generator (6) for generating the analog video signal (6a) and a memory (5) for storing the predefined data for comparison with the digital image data.